DRAFT

Proposed Claims (1) - March 2004

1. An HLA-DR typing kit comprising a DNA sequence selected from the group consisting of: ~~which encodes~~ — add specific amino acid sequences from fig. 9.

    (a) the ~~coding~~ sequence ^which encodes for amino acids ~~8-14~~ of the HLA-DR locus;

    (b) the coding sequence for amino acids ~~26-32~~ of the HLA-DR locus; and

    (c) the coding sequence for amino acids ~~72-78~~ of the HLA-DR locus.

3 claims or 1 claim in Markush format.

2. The typing kit of claim 1, further comprising a hybridization control of the formula GCTTCGACAGCGACGTGGG.

3. An HLA-DR typing process comprising the steps of:

(a) hybridizing DNA in a sample to be tested to a DNA sequence selected from the group consisting of:

    (i) the coding sequence for amino acids ~~8-14~~ of the HLA-DR locus,

    (ii) the coding sequence for amino acids ~~26-32~~ of the HLA-DR locus, and

    (iii) the coding sequence for amino acids ~~72-78~~ of the HLA-DR locus; and

(b) detecting the hybridization between said sample DNA and said DNA sequence.

4. The HLA-DR typing process according to claim 3, further comprising the step of:

(c) comparing said hybridization to hybridization between DNA of known HLA-DR type and said DNA sequence.

5. The typing process of claim 3 or 4, wherein prior to the step of the detecting areas of hybridization between the sample DNA and said DNA sequence, the process further comprises the step of hybridizing the sample DNA to a hybridization control of the formula GCTTCGACAGCGACGTCGG.